

REMARKS

Claims 1, 2, 4-17, 21 and 22 are pending. By this Amendment, claims 1 and 22 are amended and claims 23-39 have been cancelled. Support for the amended features can be found in Applicant's Figs. 5A and 5B, for example.

Entry of the Amendment is proper under 37 CFR §1.116 since the Amendment: (a) places the application in condition for allowance for the reasons discussed herein; (b) does not raise any new issues requiring further search and/or consideration; (c) does not add any additional claims; and (d) places the application in better form for appeal, should an appeal be necessary. Entry of the Amendment is thus respectfully requested.

An Information Disclosure Statement is being filed with this Amendment. It is requested that the Examiner consider the references cited in that Information Disclosure Statement and return an initialed Form PTO-1449 to Applicant's representative.

The objection to claim 25 has been rendered moot.

Claims 1, 2, 4, 5, 16, 17, 22-27, 38 and 39 were rejected under 35 U.S.C. §102(b) over Koch et al. (Koch), U.S. Patent No. 5,562,787. The rejection is respectfully traversed.

Koch fails to disclose an air pressure state reporting apparatus with a reporting device that selects one of multiple reporting patterns, wherein the multiple reporting patterns include (1) a first pattern that is selected when the detected air pressure is smaller than a predefined pressure range, (2) a second pattern that is selected when the detected air pressure is within the predefined pressure range, and (3) a third pattern that is selected when the detected air pressure is higher than the predefined pressure range, as recited in claim 1 and as similarly recited in claim 22.

Koch discloses a method of monitoring conditions of vehicle tires. Koch discloses that information relating to one or more conditions (such as internal pressure) can be viewed on a color coded, visual display and an audio signal and/or flashing lights to indicate an

undesirable condition with respect to acceptable values (col. 2, lines 17-21). Koch also discloses an integrated circuit that preferably includes one or more analog to digital converters for digitally coding internal or external analog signals (col. 7, lines 44-46).

However, Koch only describes examples that can be used to indicate an undesirable condition of the tire. Koch fails to disclose how and when the signals are to be used or provide any disclosure with regard to selecting one of three patterns based on the value of the detected air pressure relative to a predefined pressure range, as recited in claims 1 and 22. Koch also fails to identify the advantages associated with reporting a particular air pressure state by using one of three patterns, as recited in claims 1 and 22 (paragraphs [0067] - [0069] of Applicant's specification).

The rejection of independent claim 23 has been rendered moot.

It is respectfully requested that the rejection be withdrawn.

Claims 1, 2, 4, 6, 7, 9, 10, 14-17, 22-26, 28, 29, 31, 32 and 36-39 were rejected under 35 U.S.C. §102(e) over Juzswik et al. (Juzswik), U.S. Patent No. 6,612,165. The rejection is respectfully traversed.

Juzswik fails to disclose an air pressure state reporting apparatus with a reporting device that selects one of multiple reporting patterns, wherein the multiple reporting patterns include (1) a first pattern that is selected when the detected air pressure is smaller than a predefined pressure range, (2) a second pattern that is selected when the detected air pressure is within the predefined pressure range, and (3) a third pattern that is selected when the detected air pressure is higher than the predefined pressure range, as recited in claim 1 and as similarly recited in claim 22.

Juzswik discloses a tire pressure monitoring system that outputs a first signal if the air pressure is within a predefined pressure range (col. 6, lines 20-22) and outputs a second signal upon each incremental change in pressure within an associated tire 14 (col. 6, lines 28-32).

Juzswik fails to provide any disclosure with regard to selecting one of three patterns based on the value of the detected air pressure relative to a predefined pressure range, as recited in claims 1 and 22.

Juzswik also fails to provide any disclosure, or identify the advantages, with outputting a distinct reporting pattern in order to indicate whether the detected air pressure is smaller than, within, or higher than a predefined pressure range. In other words, Juzswik fails to provide any disclosure with regard to using two signals that indicate whether the air pressure is above or below a predefined pressure range.

The rejection of independent claim 23 has been rendered moot.

It is respectfully requested that the rejection be withdrawn.

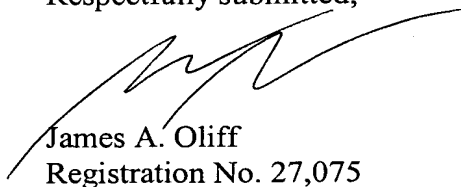
Claim 8, 11, 13, 21, 30, 33 and 35 were rejected under 35 U.S.C. §103(a) over Juzswik in view of Brown, Jr., U.S. Publication No. 2004/0017289, and claims 12 and 34 were rejected under 35 U.S.C. §103(a) over Juzswik in view of Brown, Jr. and Fennel et al. (Fennel), U.S. Publication 2005/0162263. The rejections are respectfully traversed.

Brown Jr., and Fennel fail to overcome the deficiencies of Juzswik as applied to claim 1. It is respectfully requested that the rejections be withdrawn.

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



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Attachment:
Information Disclosure Statement

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